

Patent Abstracts of Japan

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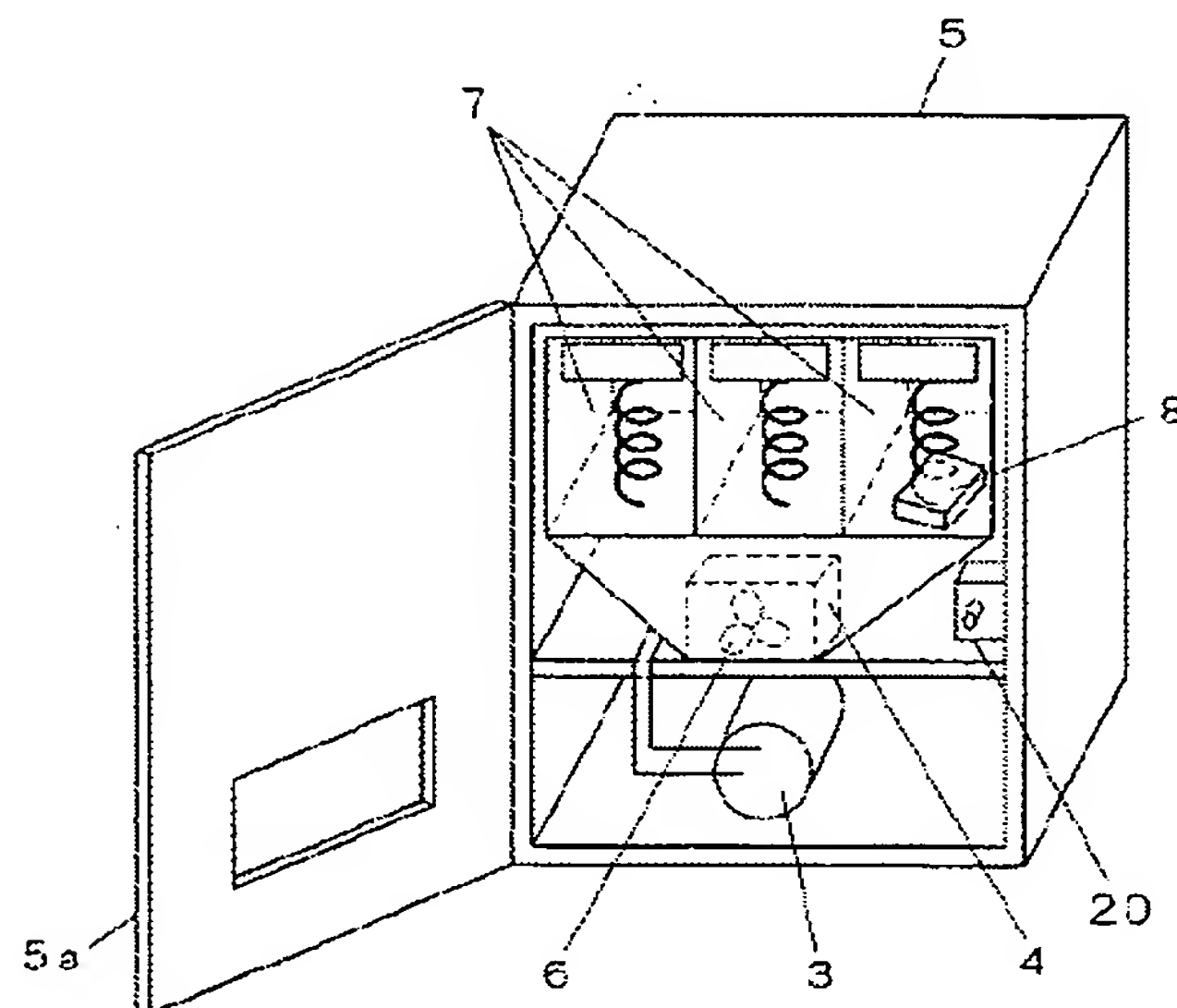
3 冷凍機
4 蒸発器
5 本体
6 冷気送風ファンモータ
7 商品棚
8 商品

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F25D 21/08

TITLE : CONTROL DEVICE FOR VENDING
MACHINE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the deterioration of a commodity by automatically defrosting according to a temperature in a body in cooling failure due to clogging of an evaporator of a vending machine.

SOLUTION: This control device is composed of a commodity shelf 7 arranged in the body 5, the evaporator 4 for cooling the inside of the body 5, a refrigerating machine 3 for supplying a refrigerant to this evaporator 4, a defrosting heater 14 arranged in the evaporator 4, a cold air blowing fan motor 6, a temperature detecting means 15 for detecting the temperature in the body 5, a door switch 16 for detecting opening-closing of a door 5a of the body 5, a timer 17 for counting operation time of the door switch 16 and a first arithmetic operation control part 18 for forcibly supplying electric power to the defrosting heater 14 by comparing the temperature in the body 5 detected by the temperature detecting means 15 with a pre-programmed temperature in time when pre-programming counting time of the timer 17.

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